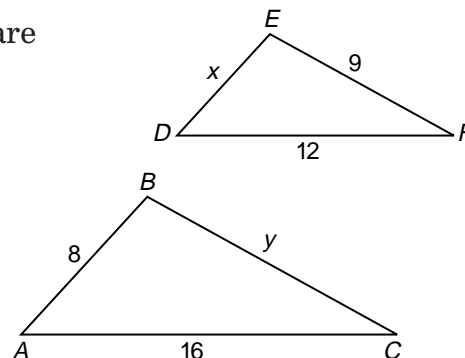


Practice

Student Edition
Pages 346–353**Exploring Similar Polygons*****In the figure at the right, $\triangle ABC$ is similar to $\triangle DEF$.***

- Write three equal ratios to show corresponding sides are proportional.
- Find the value of x .
- Find the value of y .
- Find the ratio $\frac{m\angle A}{m\angle D}$.

***In the figure at the right, quadrilateral ABCD is similar to quadrilateral EFGH.***

- Write four equal ratios to show corresponding sides are proportional.
- Find AB .
- Find HG .
- Find FG .
- The sum of the measures of $\angle A$ and $\angle C$ equals the sum of the measures of which two angles of quadrilateral $EFGH$?

